

WARM UP:

	mean	st. dev.	Min	Q ₁	med	Q ₃	max	IQR	Range
al	48.5	6.7	15	32	39	47	92	15	77
	63.5	6.7	30	47	54	62	107	15	77
	145.5	20.1	45	96	117	141	276	45	231
12	230.5	33.5	63	148	183	223	448	75	385
8	42.25	3.35	25.5	34	37.5	41.5	64	7.5	38.5

2) During a budget meeting, local school board members decided to review class size information to determine if their budgets were correct. Summary stats are shown below:

mean	st. dev.	Min	Q ₁	med	Q ₃	max	IQR	Range
33.39	5.66	17	29	33	40	42	11	25

The school district budgets per student. They budget each class as follows: \$12 per class, plus \$0.75 per student in the class. In other words:
BUDGET = 12 + 0.75(STUDENTS)

What are the summary statistics for the budget?

mean	st. dev.	Min	Q ₁	med	Q ₃	max	IQR	Range
37.04	4.245	24.75	33.75	36.75	42	43.5	8.25	18.75